

Application No. 10/605,241
Docket No. 121441-7
Amendment dated November 9, 2004
Reply to Office Action of September 9, 2004

Amendments to the Specification:

Please replace paragraph [0020] with the following amended paragraph:

[0020] In the process of removing either a metallic or ceramic coating 20, the liner 10 ~~liner 14~~ can be placed on a turntable (not shown) and the turntable rotated as the nozzle 36, connected to a suitable water jet apparatus, delivers the non-abrasive jet 34 through the witness hole remaining after deposition of the coating 20. As shown in Figure 2, the jet 34 is sprayed at the entrance of the hole 12 located at the surface 16 of the liner 10 opposite the coating 20. A suitable standoff distance (the distance between the nozzle 36 and the surface 16 of the liner 10) is about 0.8 to 2 inches (about 20 to 50 mm), though greater and lesser distances are foreseeable. At these distances, the jet 34 preferably has a diameter of about 0.050 to about 0.150 inch (about 1.3 to about 3.8 mm). Unlike the coatings 20, which is preferably applied at an angle 32 relative to the surface 14, the jet 34 is preferably aimed in a direction generally parallel to the axis 18 of each hole 12 in the liner 10 in order to facilitate removal of the

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deposit 22. It has been found that the removal of the deposit 22 can be further facilitated by depositing the coating 20 to a thickness that provides a witness hole whose diameter is about 0.006 to about 0.010 inch (about 0.15 to about 0.25 mm).

Because of the preference to limit the amount of coating 20 deposited at any given time to ensure a witness hole remains at the surface 14 of the liner 10, multiple deposition steps may be performed to build up a coating 20 to have the desired thickness, with each deposition step followed by removal of the accumulated deposit 22 using the non-abrasive jet 34.